1. Record Nr. UNINA9910150357603321

Autore	Hayes Andrea
Titolo	Pain-free life : my journey to wellness / / Andrea Hayes
Pubbl/distr/stampa	Cork, Ireland : , : Mercier Press, , [2016] ©2016
ISBN	1-78117-407-5
Descrizione fisica	1 online resource (178 pages)
Disciplina	616.0472
Soggetti	Pain - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910794558703321

Autore	Calderon-Garciduenas L
Titolo	Alzheimer's Disease and Air Pollution : The Development and Progression of a Fatal Disease from Childhood and the Opportunities for Early Prevention
Pubbl/distr/stampa	, : IOS Press, Incorporated, , 2021 ©2021
Edizione	[1st ed.]
Descrizione fisica	1 online resource (616 pages)
Collana	Advances in Alzheimer's Disease ; ; v.8
Disciplina	616.8311071
Soggetti	Air Alzheimer's disease
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto

Intro -- Title Page -- Preface -- Contents -- Section 1. Alzheimer's Disease and Air Pollution: The Ignored Side of Alzheimer's Research -- Ozone, Particulate Matter, and Newly Diagnosed Alzheimer's Disease: A Population-Based Cohort Study in Taiwan -- Where Do Ultrafine Particles and Nano-Sized Particles Come From? -- Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas -- Combustion-Derived Nanoparticles in Key Brain Target Cells and Organelles in Young Urbanites: Culprit Hidden in Plain Sight in Alzheimer's Disease Development -- Airborne Magnetite- and Iron-Rich Pollution Nanoparticles: Potential Neurotoxicants and Environmental Risk Factors for Neurodegenerative Disease, Including Alzheimer's Disease -- Section 2. Particulate Matter, Neurobiology, and Neuropathology -- Air Pollution, Combustion and Friction Derived Nanoparticles, and Alzheimer's Disease in Urban Children and Young Adults -- Traffic-Related Air Pollution and Incident Dementia: Direct and Indirect Pathways Through Metabolic Dysfunction -- Anthropogenic Iron Oxide Nanoparticles Induce Damage to Brain Microvascular Endothelial Cells Forming the Blood-Brain Barrier -- Fine Particulate Matter Exposure and Cerebrospinal Fluid Markers of Vascular Injury -- Long-Term Exposure to PM10 and in vivo Alzheimer's Disease Pathologies -- Particulate Matter Exposure Exacerbates Amyloid-Beta Plaque Deposition and Gliosis in APP/PS1 Mice -- NLRP3 Inflammasome: A Potential Therapeutic Target in Fine Particulate Matter-Induced Neuroinflammation in Alzheimer's Disease -- Tobacco Smoke Exposure Impairs Brain Insulin/IGF Signaling: Potential Co-Factor Role in Neurodegeneration -- Air Pollution and Alzheimer's Disease: A Systematic Review and Meta-Analysis.
Exposure to Traffic-Generated Pollutants Exacerbates the Expression of Factors Associated with the Pathophysiology of Alzheimer's Disease in Aged C57BL/6 Wild-Type Mice -- Section 3. Cognitive Decline and Air Pollution -- Decreases in Short Term Memory, IQ, and Altered Brain Metabolic Ratios in Urban Apolipoprotein epsilon4 Children Exposed to Air Pollution -- Mild Cognitive Impairment and Dementia Involving Multiple Cognitive Domains in Mexican Urbanites -- Impact of Air Pollution on Cognitive Impairment in Older People: A Cohort Study in Rural and Suburban China -- Long-Term Exposure to Air Pollutants and Cognitive Function in Taiwanese Community-Dwelling Older Adults: A Four-Year Cohort Study -- Education Differences in the Adverse Impact of PM2.5 on Incident Cognitive Impairment Among U.S. Older Adults -- Life Course Air Pollution Exposure and Cognitive Decline: Modelled Historical Air Pollution Data and the Lothian Birth Cohort 1936 -- Long-Term Exposure to Ambient Air Pollution and Cognitive Function Among Hispanic/Latino Adults in San Diego, California -- Long-Term Exposure to PM2.5 and Cognitive Decline: A Longitudinal Population-Based Study -- The Role of Traffic-Related Air Pollution in Neurodegenerative Diseases in Older People: An Epidemiological Perspective -- Acute versus Chronic Exposures to Inhaled Particulate Matter and Neurocognitive Dysfunction: Pathways to Alzheimer's Disease or a Related Dementia -- Traffic-Related Air Pollution as a Risk Factor for Dementia: No Clear Modifying Effects of APOE epsilon4 in the Betula Cohort -- Section 4. Ozone: The Hidden Player in Neurodegeneration -- Ozone Atmospheric Pollution and Alzheimer's Disease: From Epidemiological Facts to Molecular Mechanisms -- Air Pollution, Stress, and Allostatic Load: Linking Systemic and Central Nervous System Impacts.
Association of Low-Level Ozone with Cognitive Decline in Older Adults -- Ozone and Particulate Matter Exposure and Alzheimer's Disease: A Review of Human and Animal Studies -- Section 5. Alzheimer's Disease

3. Record Nr. UNINA9910483641003321

Titolo	Attention in Cognitive Systems. Theories and Systems from an Interdisciplinary Viewpoint : 4th International Workshop on Attention in Cognitive Systems, WAPCV 2007 Hyderabad, India, January 8, 2007 Revised Selected Papers / / edited by Lucas Paletta, Erich Rome
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-77343-6
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XI, 500 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 4840
Disciplina	006.3/7
Soggetti	Computer science Artificial intelligence Computer vision Pattern recognition systems Computer graphics Neurosciences Theory of Computation Artificial Intelligence Computer Vision Automated Pattern Recognition Computer Graphics Neuroscience
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Earlier conferences titled: Attention and performance in computational vision. "euCognition"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Embodiment of Attention -- The Embodied Dynamics of Emotion, Appraisal and Attention -- The Role of Attention in Creating a Cognitive System -- The Influence of the Body and Action on Spatial Attention -- Abstraction Level Regulation of Cognitive Processing Through Emotion-Based Attention Mechanisms -- Embodied Active Vision in Language Learning and Grounding -- Language Label

Learning for Visual Concepts Discovered from Video Sequences -- Cognitive Control of Attention -- Learning to Attend — From Bottom-Up to Top-Down -- An Attentional System Combining Top-Down and Bottom-Up Influences -- The Selective Attention for Identification Model (SAIM): Simulating Visual Search in Natural Colour Images -- A Bayesian Approach to Attention Control and Concept Abstraction -- Modeling of Saliency and Visual Search -- An Information Theoretic Model of Saliency and Visual Search -- An Experimental Comparison of Three Guiding Principles for the Detection of Salient Image Locations: Stability, Complexity, and Discrimination -- A Proto-object Based Visual Attention Model -- Context Driven Focus of Attention for Object Detection -- Color Saliency and Inhibition Using Static and Dynamic Scenes in Region Based Visual Attention -- I See What You See: Eye Movements in Real-World Scenes Are Affected by Perceived Direction of Gaze -- Sequential Attention -- Selective Attention in the Learning of Viewpoint and Position Invariance -- Generating Sequence of Eye Fixations Using Decision-Theoretic Attention Model -- Reinforcement Learning for Decision Making in Sequential Visual Attention -- Biologically Inspired Framework for Learning and Abstract Representation of Attention Control -- Biological Aspects of Attention -- Modeling the Dynamics of Feature Binding During Object-Selective Attention -- The Spiking Search overTime and Space Model (sSoTS): Simulating Dual Task Experiments and the Temporal Dynamics of Preview Search -- On the Role of Dopamine in Cognitive Vision -- Differences and Interactions Between Cerebral Hemispheres When Processing Ambiguous Words -- Attention in Early Vision: Some Psychophysical Insights -- Auditory Gist Perception: An Alternative to Attentional Selection of Auditory Streams? -- Applications of Attentive Vision -- Simultaneous Robot Localization and Mapping Based on a Visual Attention System -- Autonomous Attentive Exploration in Search and Rescue Scenarios -- Attention-Based Landmark Selection in Autonomous Robotics -- Simulation and Formal Analysis of Visual Attention in Cognitive Systems -- Region-Oriented Visual Attention Framework for Activity Detection -- Autonomous Attentive Exploration in Search and Rescue Scenarios.

Sommario/riassunto

Attentionhasbeenrepresentingacorescienti?ctopicinthedesignofAI-enabled systems within the last decades. Today, in the ongoing debate, design, and c- putationalmodelingofarti?cialcognitivesystems, attentionhasgainedacentral position as a focus of research. For instance, attentional methods are considered in investigating the interfacing of sensory and cognitive information processing, for the organization of behaviors, and for the understanding of individual and social cognition in re?ection of infant development. Whilevisualcognitionplaysacentralroleinhumanperception,?ndingsfrom neuroscience and experimental psychology have provided strong evidence about theperception-actionnatureofcognition. Theembodiednatureofsensory-motor intelligence requires a continuous and focused interplay between the control of motor activities and the interpretation of feedback from perceptual modalities. Decision making about the selection of information from the incoming sensory stream – in tune with contextual processing on a current task and an agent’s global objectives – becomes a further challenging issue in attentional control. Attention must operate at interfaces between bottom-up driven world int- pretation and top-down driven information selection, thus acting at the core of arti?cial cognitive systems. These insights have already induced changes in AI-related disciplines, such as the design of behavior-based robot control and the computational modeling of animats. Today, the development of enabling

technologiessuch as autonomous robotic systems,miniaturizedmobile–evenwearable–sensors,andambientintelligence systems involves the real-time analysis of enormous quantities of data. These data have to be processed in an intelligent way to provide “on time delivery”of the required relevant information. Knowledge has to be applied about what needs to be attended to, and when, and what to do in a meaningful sequence, in correspondence with visual feedback.